

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080278.D
 Acq On : 27 Nov 2023 16:24
 Operator : JC\MD
 Sample : 05543-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 02:09:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

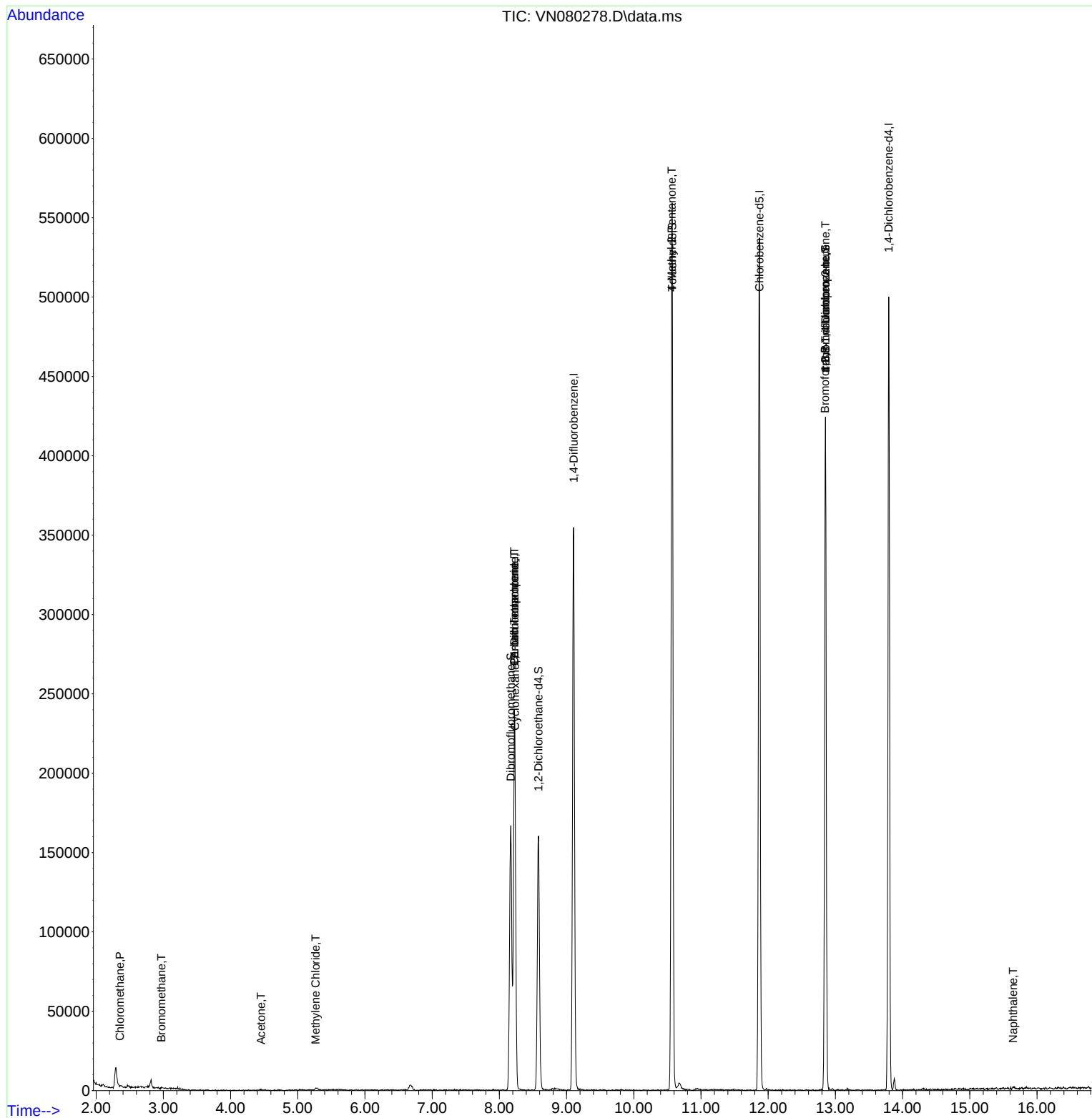
Internal Standards						
1) Pentafluorobenzene	8.224	168	163193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	297704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	313269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	145586	54.029	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.060%	
35) Dibromofluoromethane	8.171	113	115589	52.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.240%	
50) Toluene-d8	10.571	98	394084	49.767	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	12.853	95	146375	48.939	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	397	0.217	ug/l #	42
5) Bromomethane	2.971	94	322	0.245	ug/l	96
6) Chloroethane	3.124	64	1310	Below Cal	#	43
16) Acetone	4.453	43	1197	1.323	ug/l #	40
20) Methylene Chloride	5.265	84	925	0.488	ug/l #	51
31) Cyclohexane	8.235	56	3259	1.112	ug/l #	10
36) 1,1-Dichloropropene	8.224	75	13198	4.150	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18949	4.695	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1459	0.656	ug/l #	1
71) Bromoform	12.847	173	501	0.245	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	83266	25.674	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	83266	86.741	ug/l #	15
95) Naphthalene	15.647	128	1724	0.229	ug/l #	92

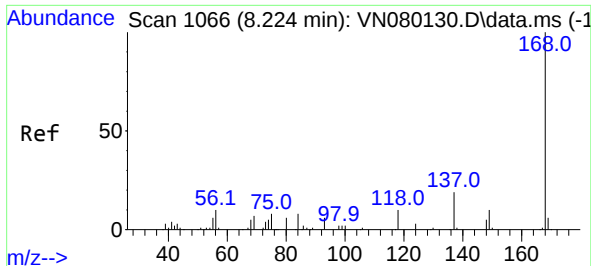
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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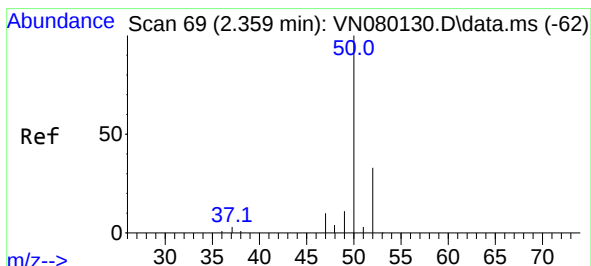
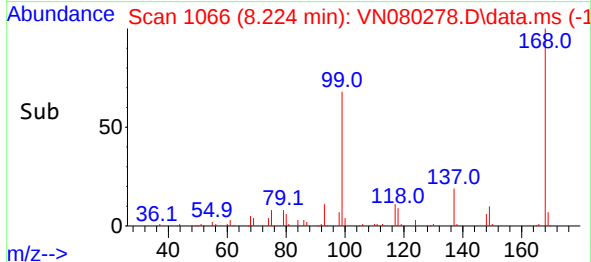
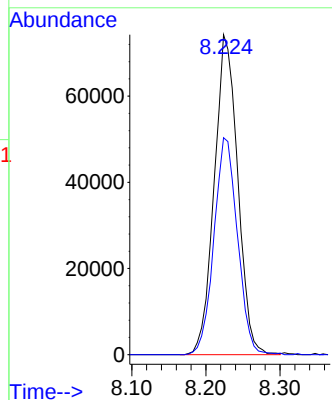
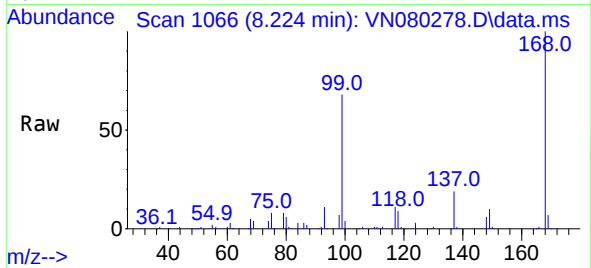




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

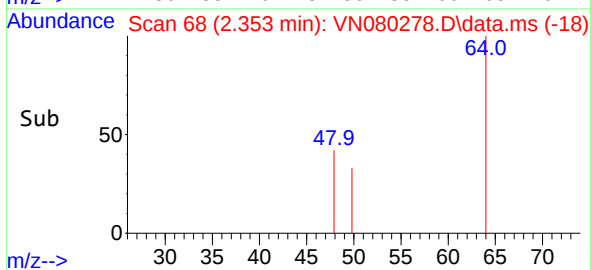
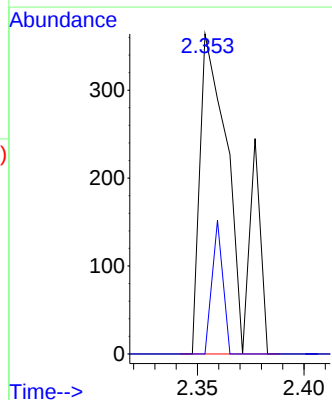
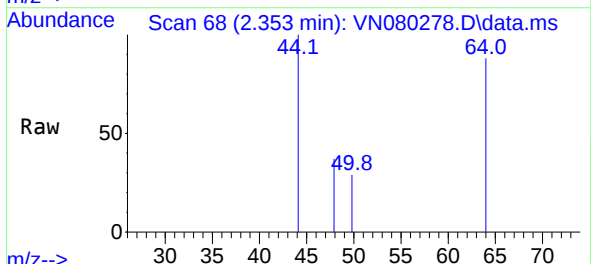
Instrument :
MSVOA_N
ClientSampleId :

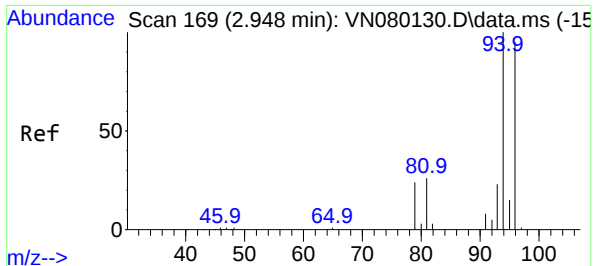
Tgt Ion:168 Resp: 163193
Ion Ratio Lower Upper
168 100
99 67.8 53.0 79.6



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

Tgt Ion: 50 Resp: 397
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

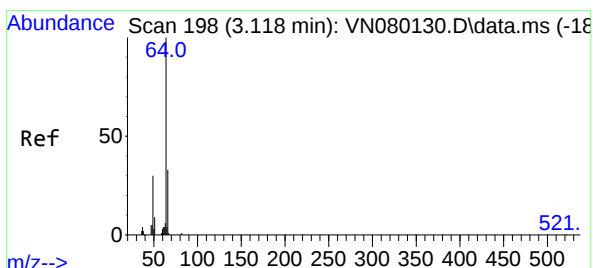
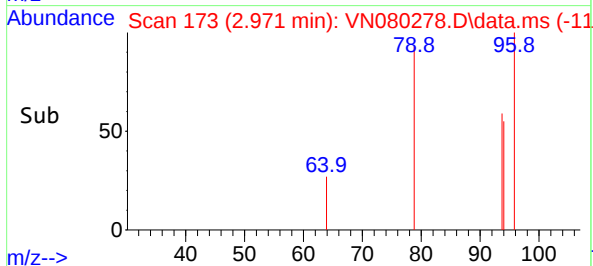
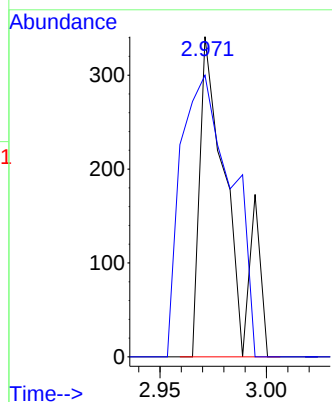
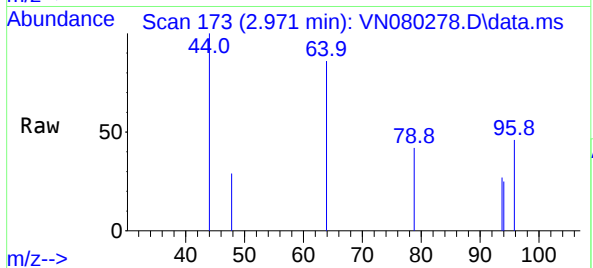




#5
Bromomethane
Concen: 0.245 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

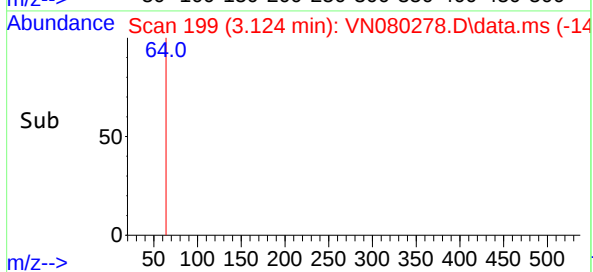
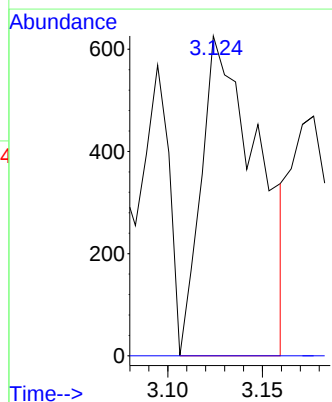
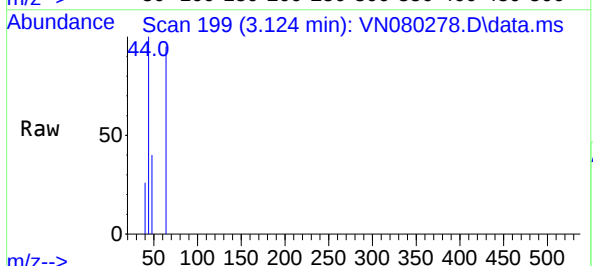
Instrument :
MSVOA_N
ClientSampleId :

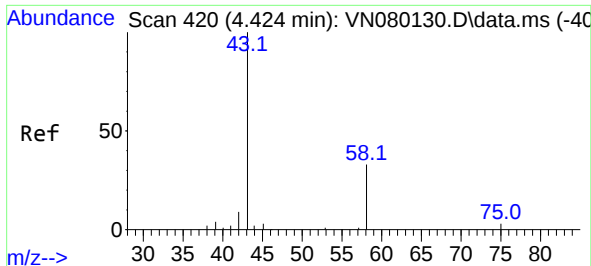
Tgt Ion: 94 Resp: 322
Ion Ratio Lower Upper
94 100
96 88.0 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

Tgt Ion: 64 Resp: 1310
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

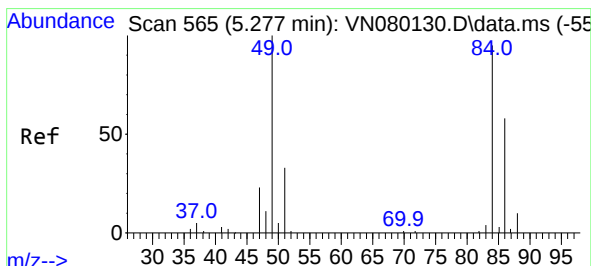
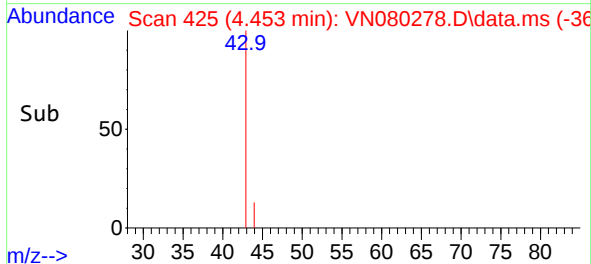
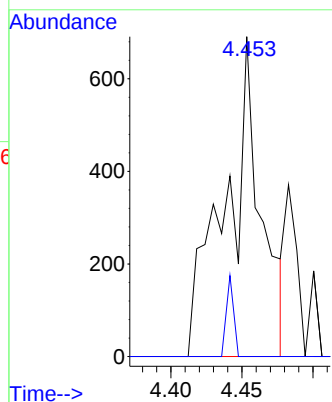
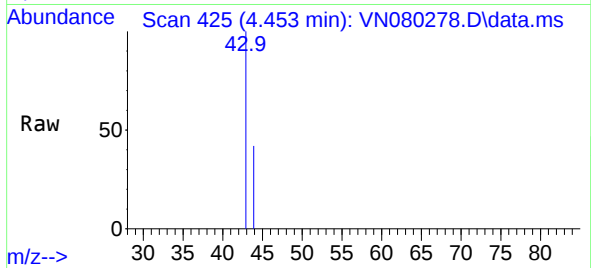




#16
Acetone
Concen: 1.323 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

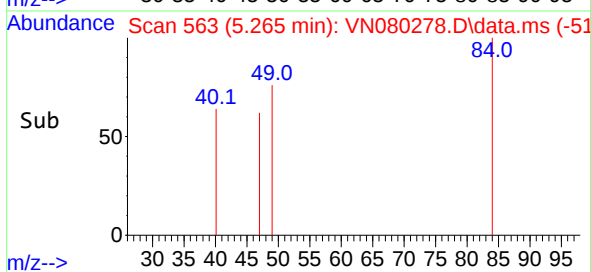
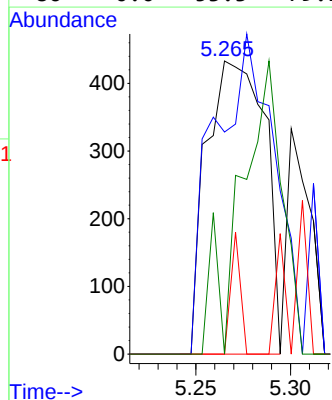
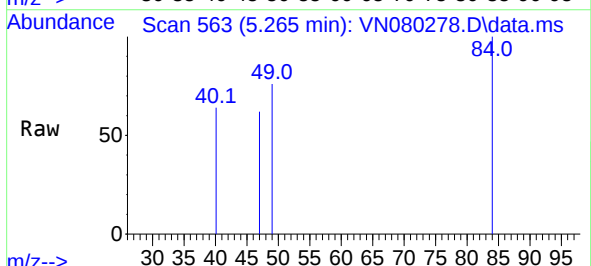
Instrument :
MSVOA_N
ClientSampleId :

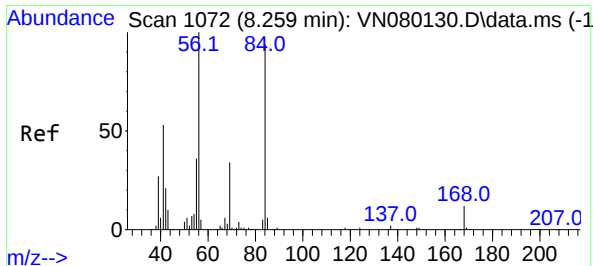
Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: 0.488 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

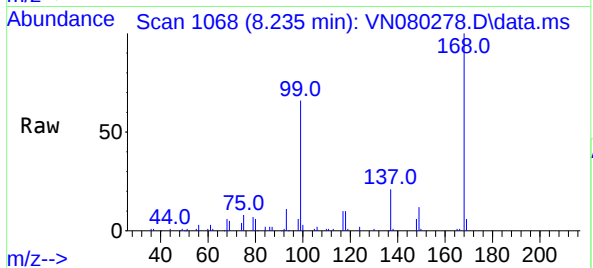
Tgt Ion: 84 Resp: 925
Ion Ratio Lower Upper
84 100
49 75.8 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#



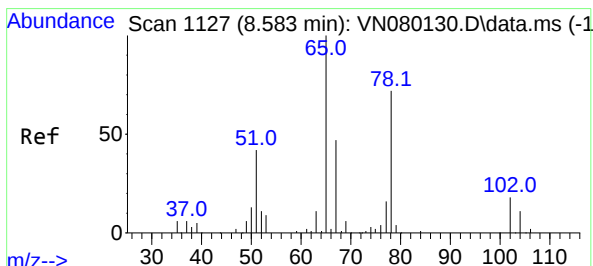
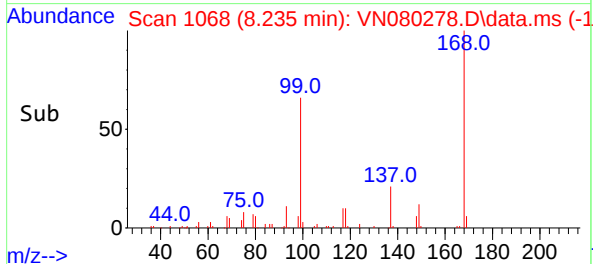
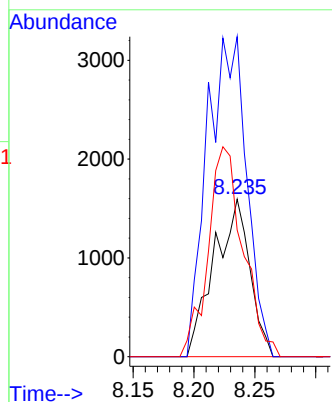


#31
Cyclohexane
Concen: 1.112 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :

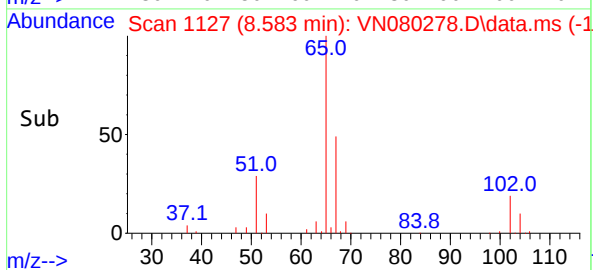
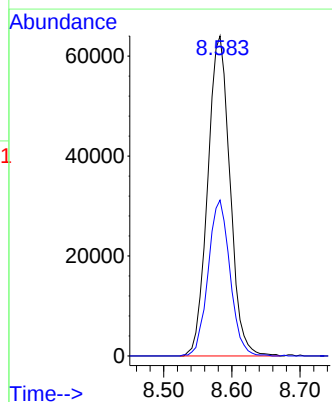
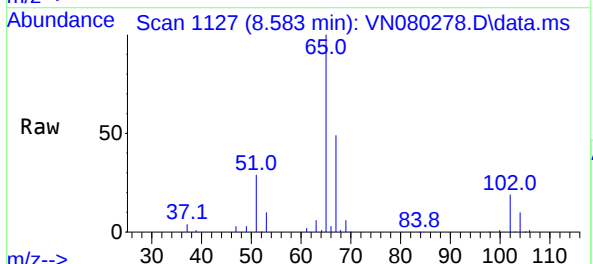


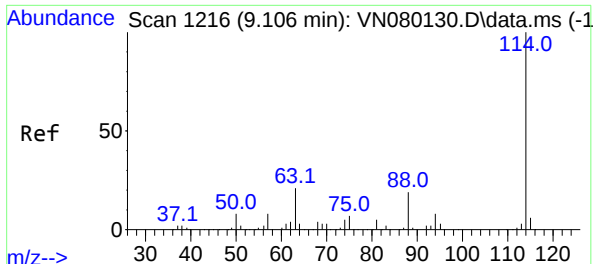
Tgt Ion: 56 Resp: 3259
Ion Ratio Lower Upper
56 100
69 203.3 26.8 40.2#
84 80.5 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 54.029 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

Tgt Ion: 65 Resp: 145586
Ion Ratio Lower Upper
65 100
67 47.8 0.0 106.6

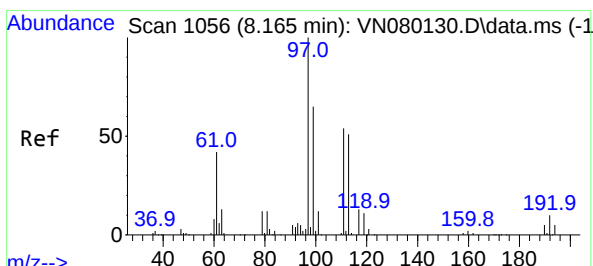
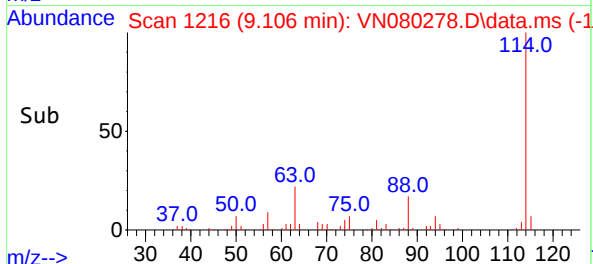
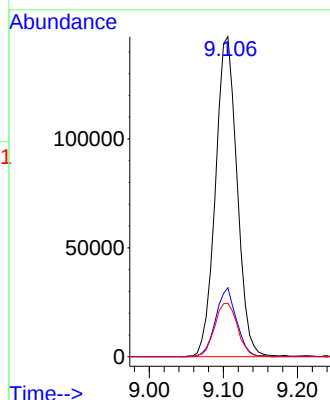
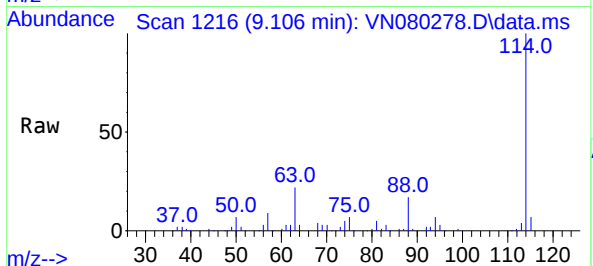




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

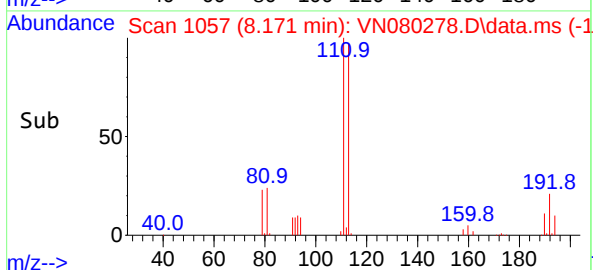
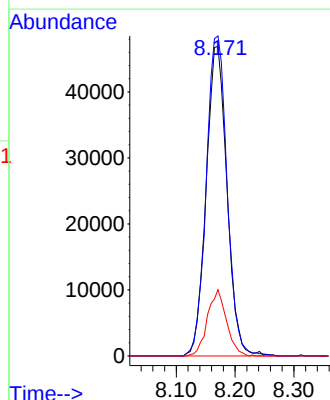
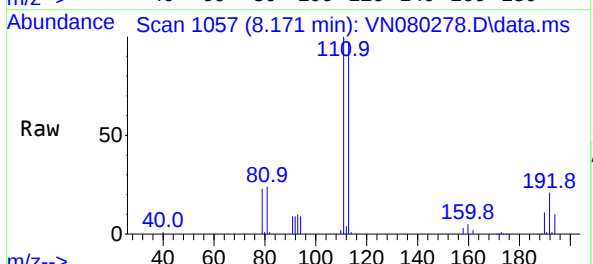
Instrument :
MSVOA_N
ClientSampleId :

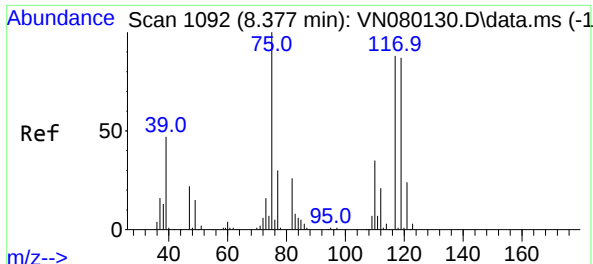
Tgt Ion:114 Resp: 297704
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 16.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.620 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

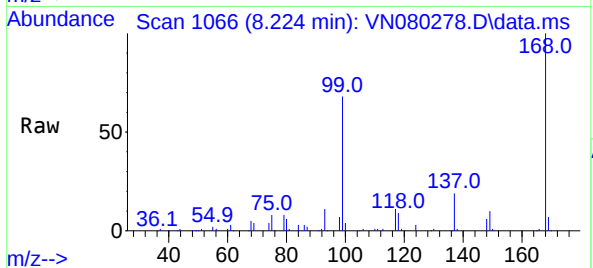
Tgt Ion:113 Resp: 115589
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 19.6 12.7 19.1#



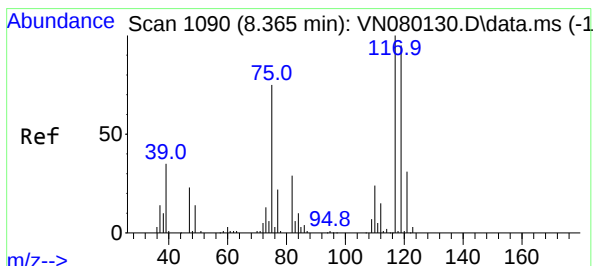
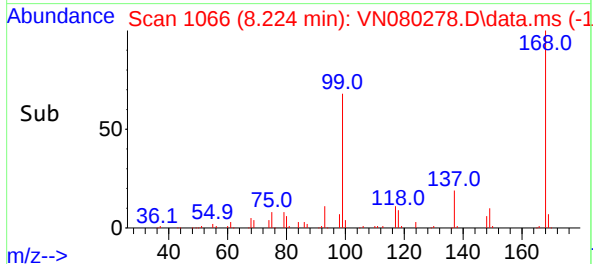
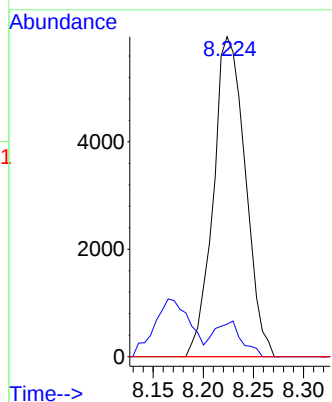


#36
1,1-Dichloropropene
Concen: 4.150 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :

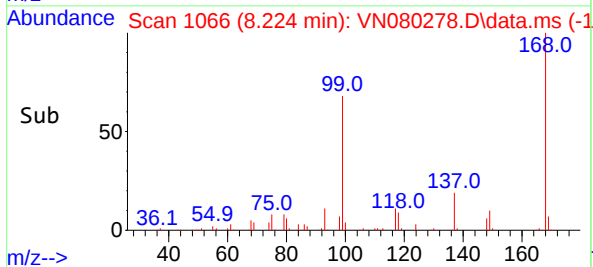
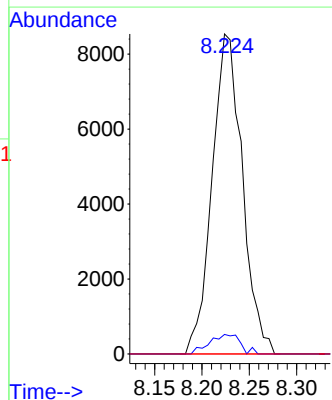
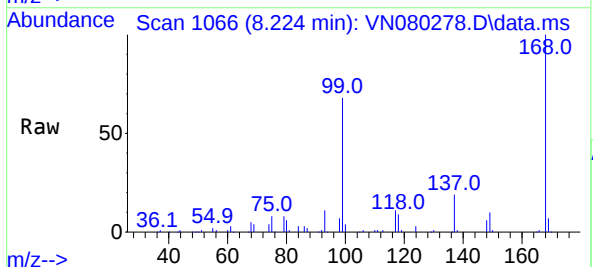


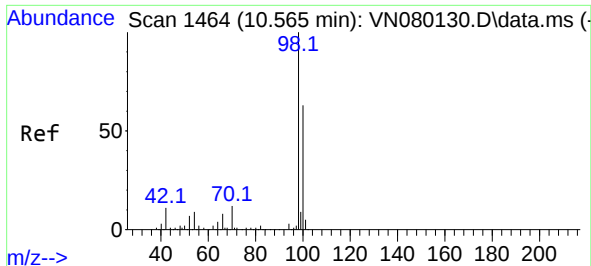
Tgt Ion: 75 Resp: 13198
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.695 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

Tgt Ion: 117 Resp: 18949
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 23.3 34.9#

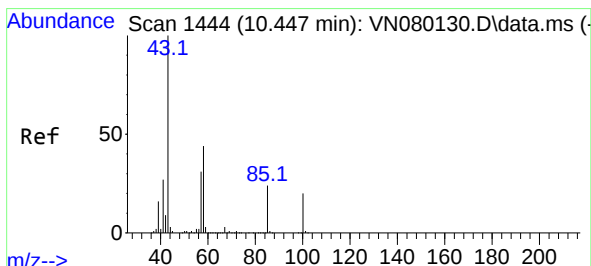
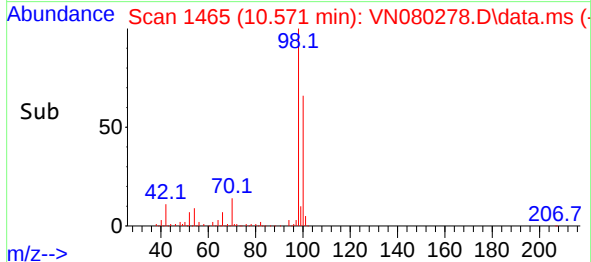
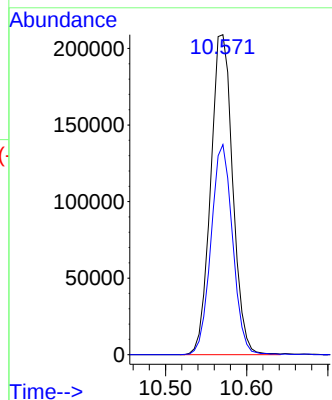
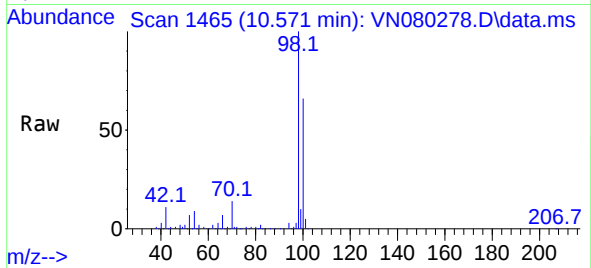




#50
Toluene-d8
Concen: 49.767 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

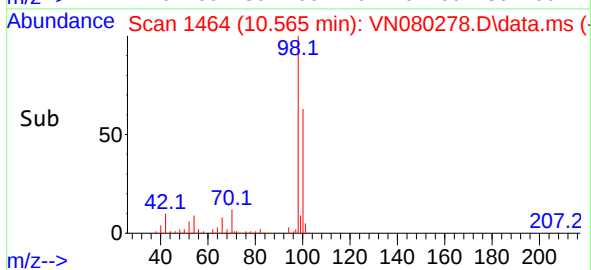
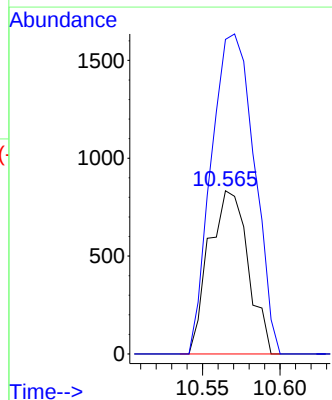
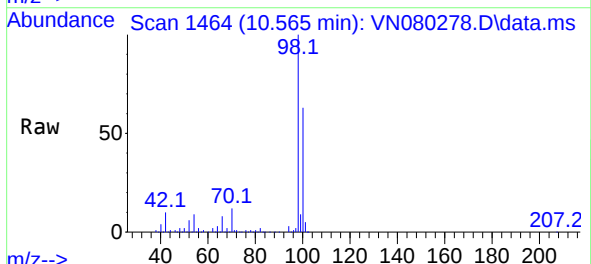
Instrument :
MSVOA_N
ClientSampleId :

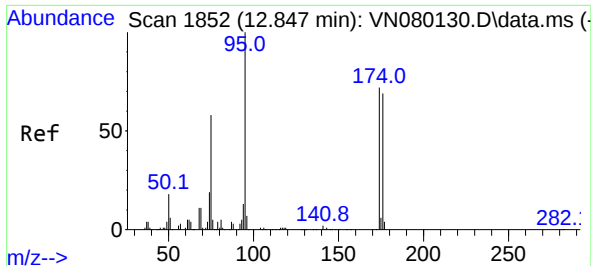
Tgt Ion: 98 Resp: 394084
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.656 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
58 216.2 36.6 54.8#

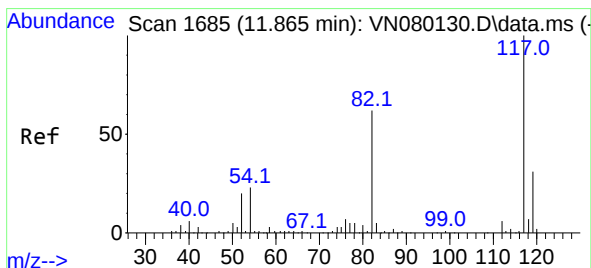
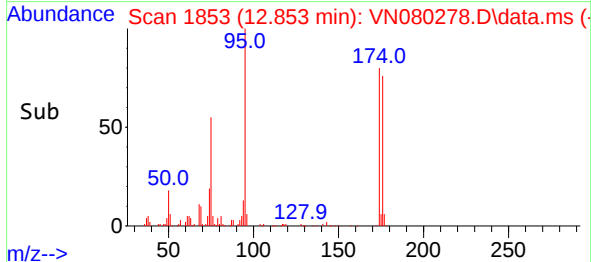
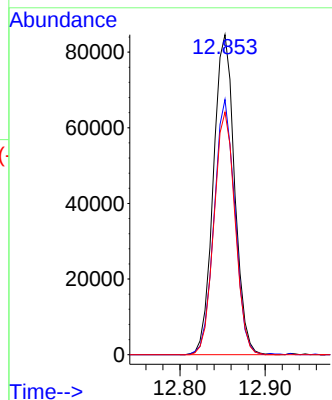
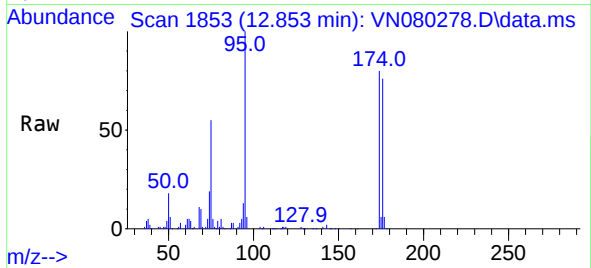




#62
4-Bromofluorobenzene
Concen: 48.939 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

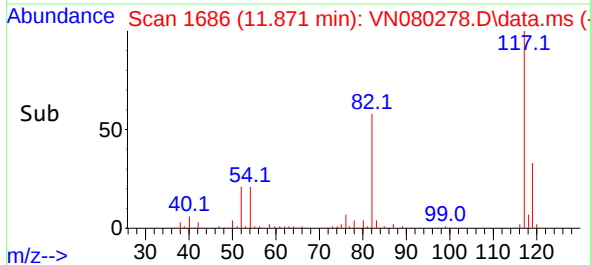
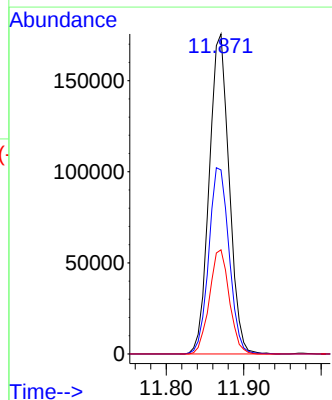
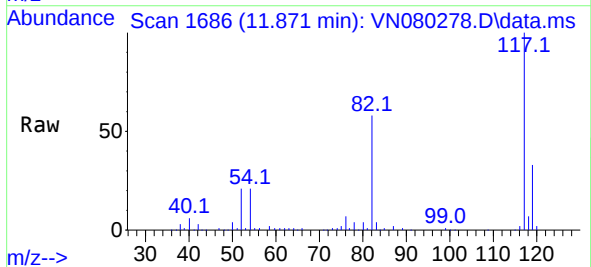
Instrument :
MSVOA_N
ClientSampleId :

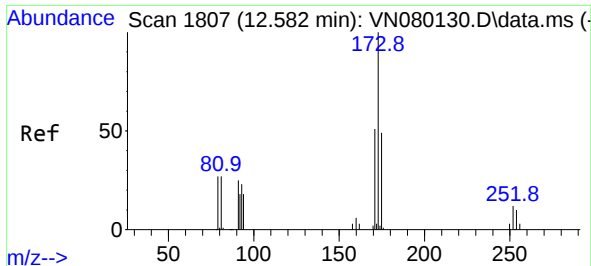
Tgt Ion: 95 Resp: 146375
Ion Ratio Lower Upper
95 100
174 78.0 0.0 143.8
176 75.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

Tgt Ion: 117 Resp: 313269
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 32.5 25.6 38.4

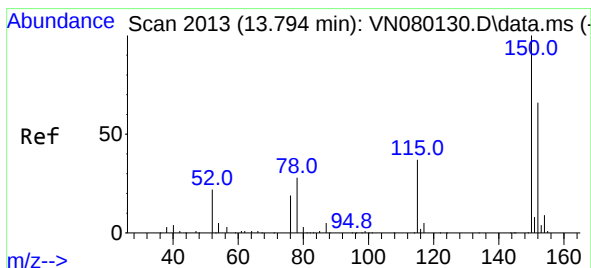
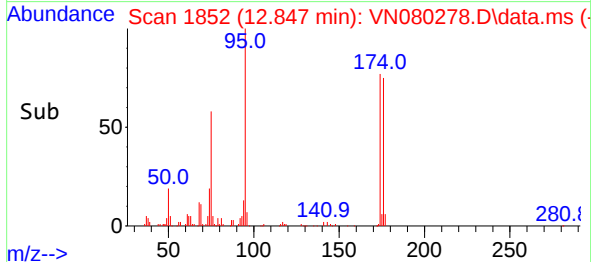
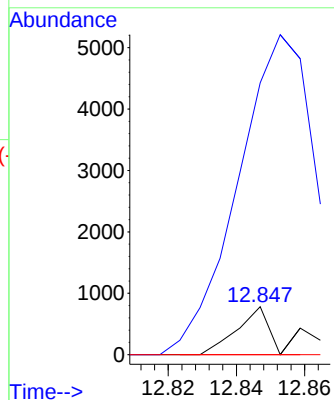
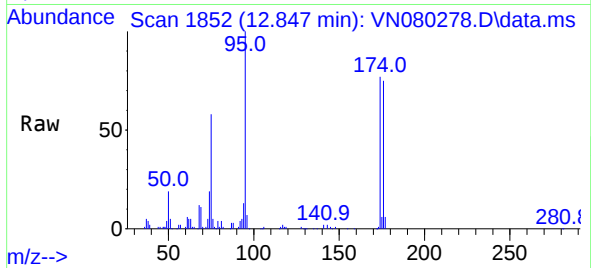




#71
Bromoform
Concen: 0.245 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

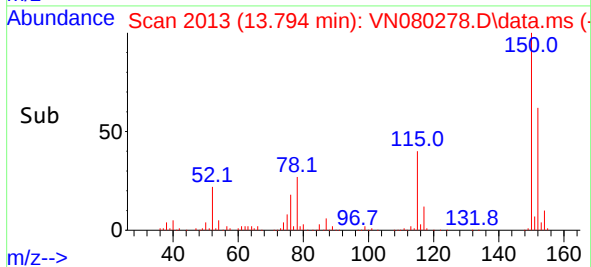
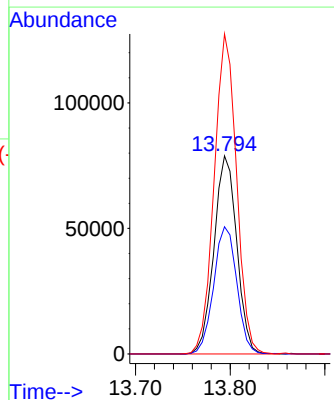
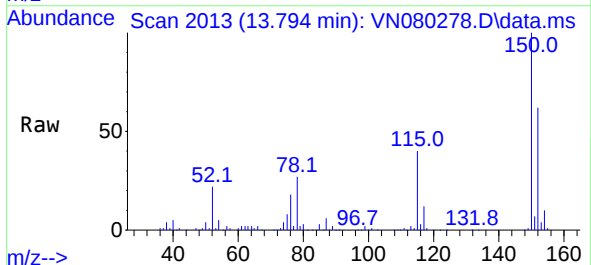
Instrument :
MSVOA_N
ClientSampleId :

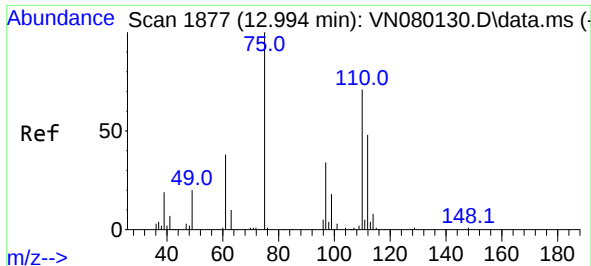
Tgt Ion:173 Resp: 501
Ion Ratio Lower Upper
173 100
175 1408.6 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

Tgt Ion:152 Resp: 132368
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 158.1 0.0 355.8

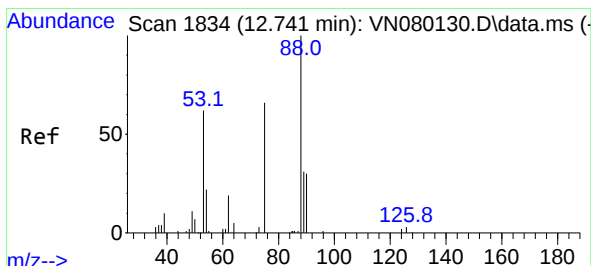
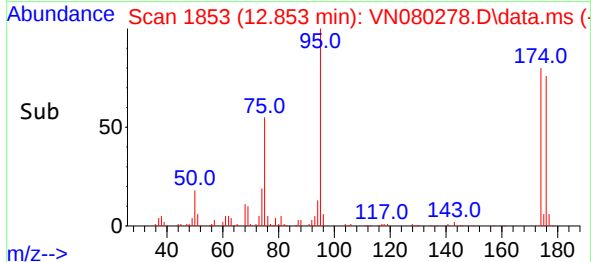
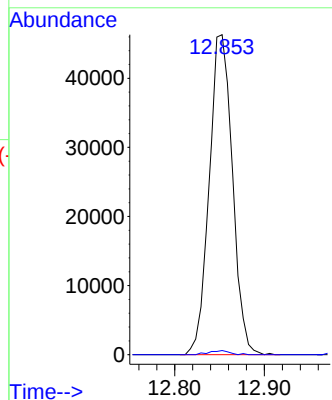
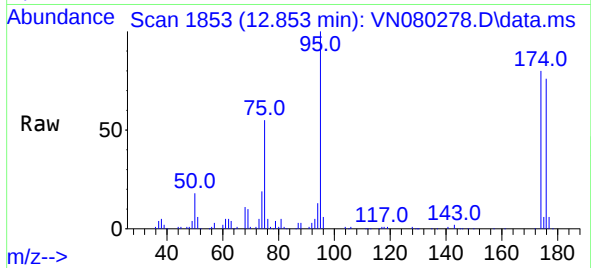




#76
1,2,3-Trichloropropane
Concen: 25.674 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

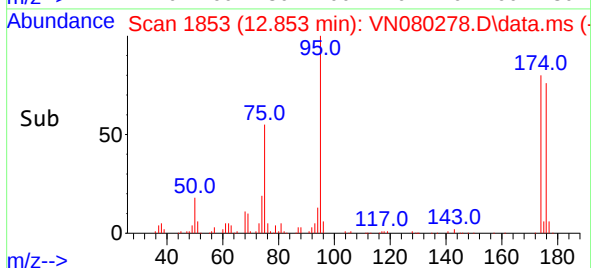
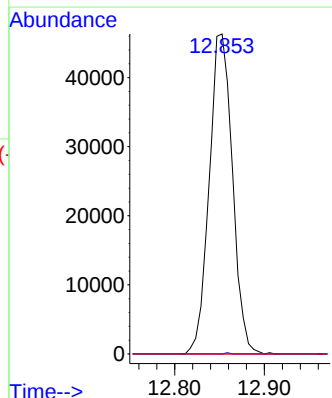
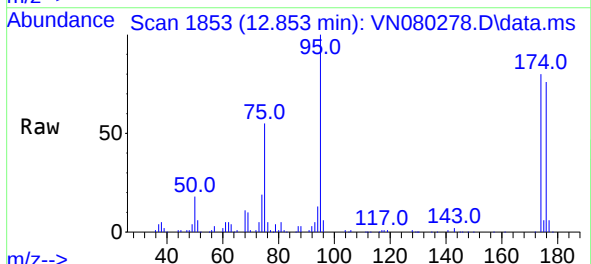
Instrument :
MSVOA_N
ClientSampleId :

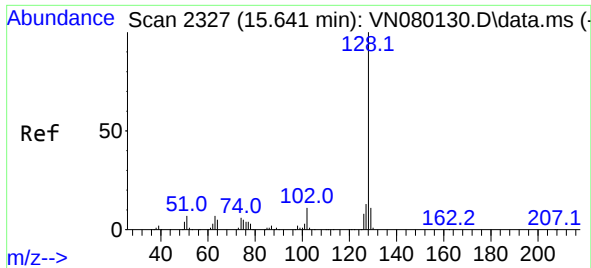
Tgt Ion: 75 Resp: 83266
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.741 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080278.D
Acq: 27 Nov 2023 16:24

Tgt Ion: 75 Resp: 83266
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#





#95

Naphthalene

Concen: 0.229 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

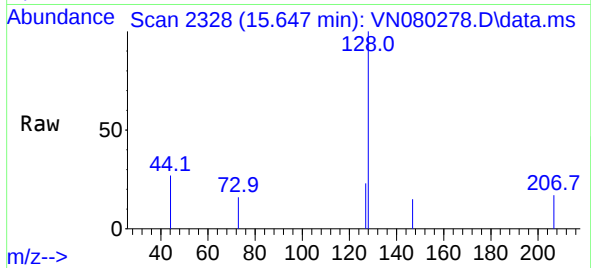
Lab File: VN080278.D

Acq: 27 Nov 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 1724

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 4.6 8.7 13.1#

